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Northern Rockies Coordination Center
An Interagency Incident Support Website

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INCIDENT INFORMATION

PREDICTIVE SERVICES

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**WELCOME TO THE
NORTHERN ROCKIES COORDINATION CENTER**

Monday, May 21, 2007

The **Northern Rockies Coordination Center (NRCC)** is the interagency focal point for coordinating the mobilization of resources for wildland fire, wildland fire use, prescribed fire and other all-hazard incidents throughout the Northern Rockies Area and, when necessary, for assignment throughout the United States. Located in Missoula, Montana, the Center also provides Intelligence and Predictive Services related-products to support wildland fire managers and firefighters in the decision making process throughout the Northern Rockies.

There are five primary components to the NRCC website.

- The [Incident Information](#) is designed to provide the general public with daily updates on large fires, fire restrictions, and other activity throughout the Northern Rockies Area.
- The [Predictive Services](#) component provides operational products and links to incident situation

NORTHERN ROCKIES AREA



BULLETIN BOARD

SITUATION

PREPAREDNESS LEVELS
Northern Rockies PL: **1**
National PL: **2**





[Situation Reports](#)

... **Restrictions & Closures** ...




TEAM INFORMATION

Legend:


Fuel Dryness

-  **Moist** - Little if any threat for large fires.
-  **Dry** - Low threat for large fires when significant weather is absent.
-  **Very Dry** - Moderate threat for large fires when significant weather is absent.
-  **Data unavailable.**

Significant Weather Triggers

-  **Lightning** - LALs of 3 or higher.
-  **Wind** - Sustained speeds of 20 mph or greater.
-  **Hot with Low RH** - Temperatures above normal with humidity 20% or less.

"High Risk" Days

-  The combination of either "Dry" or "Very Dry" Fuel dryness along with a Significant Weather Trigger.

NOTICE: Forecasts for the following PSA's may be unavailable or unrepresentative of actual conditions due to missing observations from the stations listed:

NR01

EUREKA

Predictive Service Areas

	Ytd Jul 17	Wed Jul 18	Thu Jul 19	Fri Jul 20	Sat Jul 21	Sun Jul 22	Mon Jul 23	Tue Jul 24
NR01 - North Idaho/ NW Montana								
NR02 - S Panhandle ID/ NW MT								
NR03 - NC ID/ SW MT			W					
NR04 - Glacier NP/ Wildernesses			W					
NR05 - Northern Rockies Front Range			W					
NR06 - Big Hole MT			W					
NR07 - WC MT			W					
NR08 - C MT								
NR09 - SC MT/ Yellowstone NP			W					
NR10 - S MT								
NR11 - NE MT/ NW ND								
NR12 - SE MT/ SW ND								
NR13 - E ND								

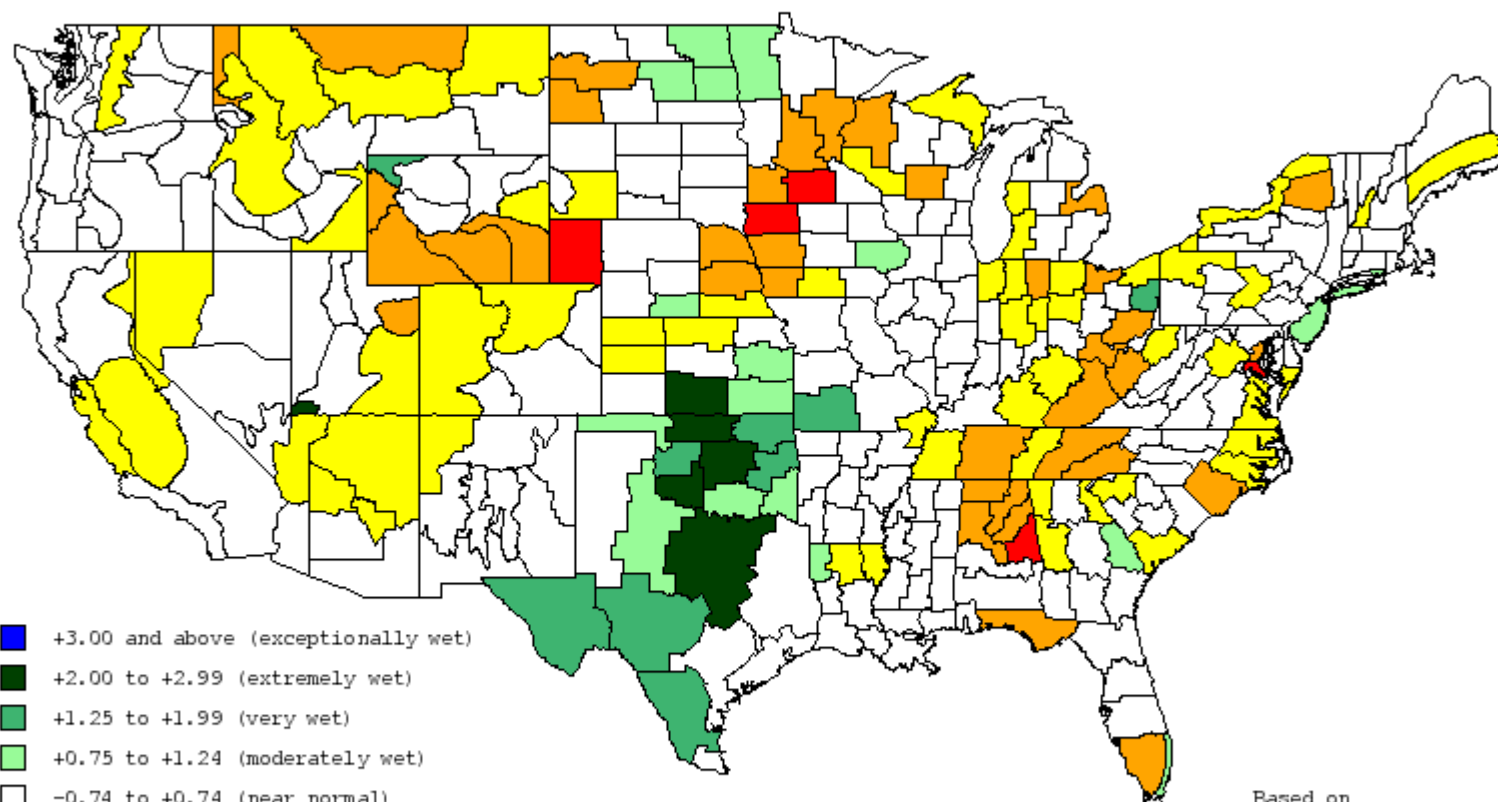
Weather Synopsis:

A Pacific trough will bump up against the upper level ridge anchored over central Montana producing the possibility of some strong, wet thunderstorms over the Idaho Panhandle and northwest Montana today. Some afternoon wind possible over central Idaho and southwest Montana. Expect a drying trend with dew points beginning to fall west of the Divide on Thursday. Gusty west-southwest winds possible Thursday as a dry cool front passes through western Montana. Chance of isolated thunderstorms mostly over the Divide. Expect breezy and hot conditions for eastern Montana.

Fire Potential Discussion:

Expect an increase in fire behavior as dew points fall over central Idaho and western Montana from Wednesday through the weekend. Large fire potential should increase under warming and drying conditions. Watch the wind on Thursday.

1-month Standardized Precipitation Index through the end of June 2007

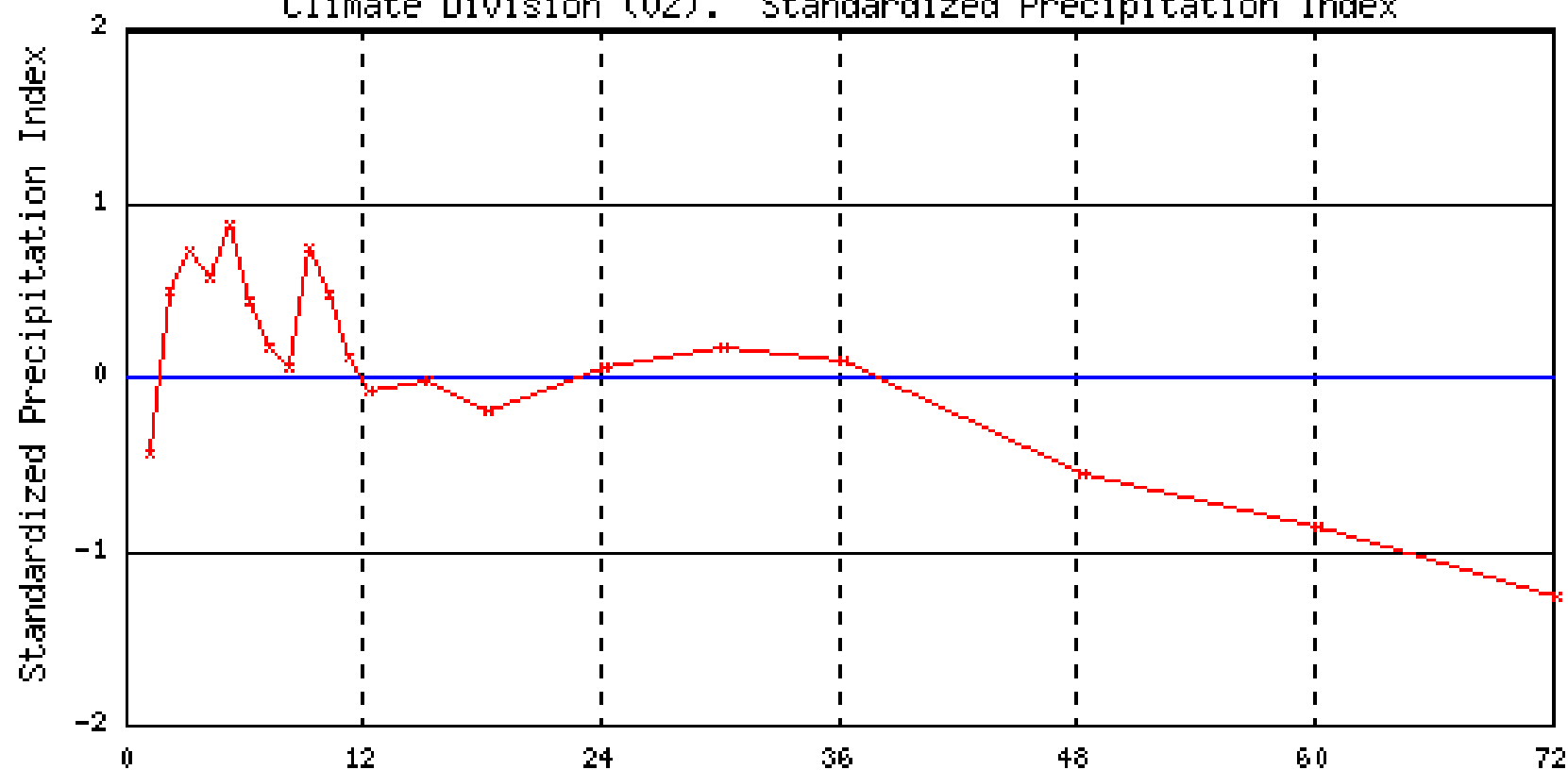


- +3.00 and above (exceptionally wet)
- +2.00 to +2.99 (extremely wet)
- +1.25 to +1.99 (very wet)
- +0.75 to +1.24 (moderately wet)
- -0.74 to +0.74 (near normal)
- -1.24 to -0.75 (moderately dry)
- -1.99 to -1.25 (very dry)
- -2.99 to -2.00 (extremely dry)
- -3.00 and below (exceptionally dry)

Based on
Divisional Precipitation Data
1895 to present
Provisional data provided by
NOAA/NWS/CPC & NOAA/NESDIS/NCDC
Western Regional Climate Center
Desert Research Institute
Reno, Nevada

Southwestern Division, Montana

Climate Division (02). Standardized Precipitation Index



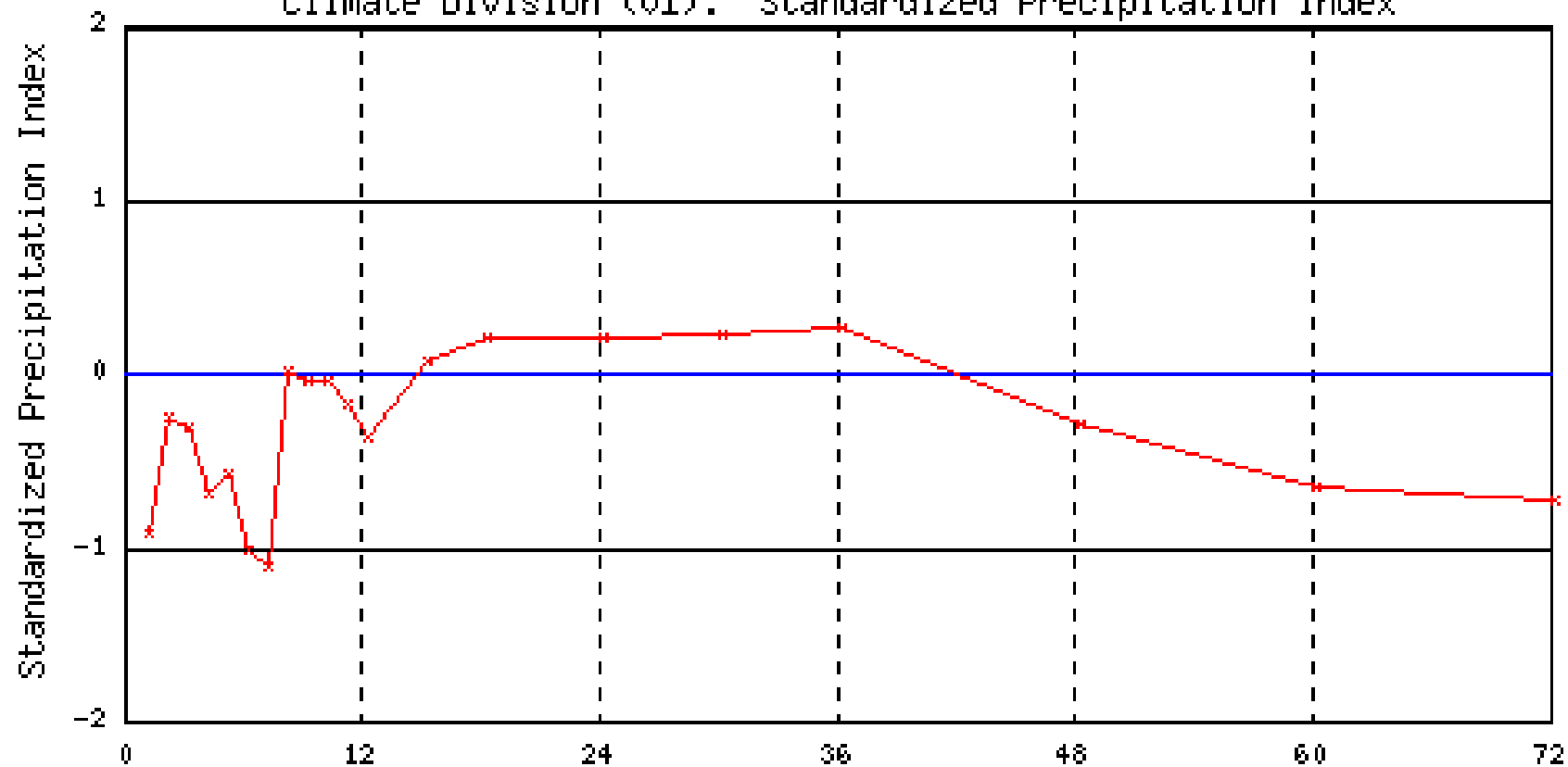
Provisional Data
from CPC and NCDC

Time Scale in Months (As of the end of Jun. 2007)

Western Regional
Climate Center

Western Division, Montana

Climate Division (01). Standardized Precipitation Index



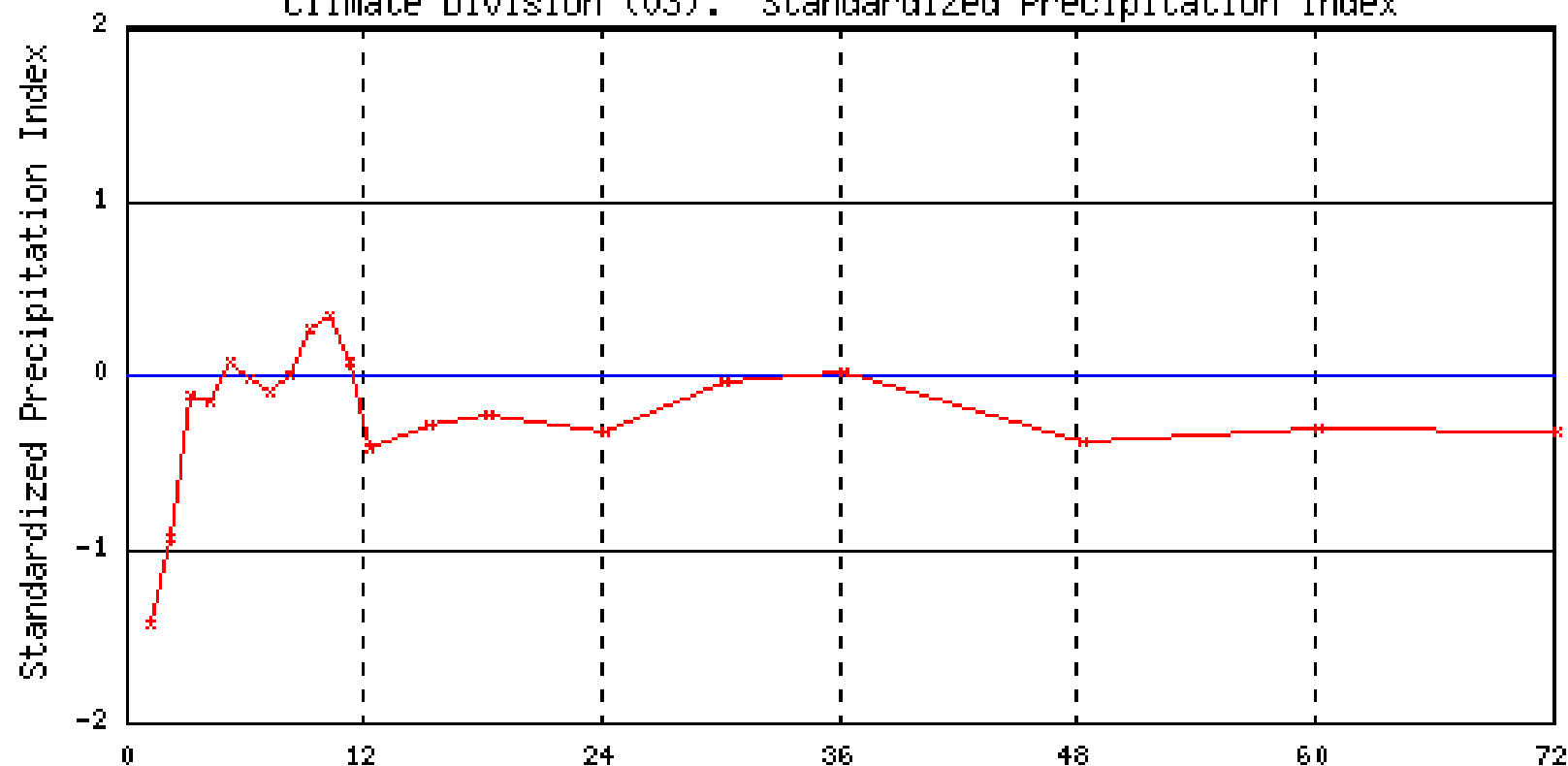
Provisional Data
from CPC and NCDC

Time Scale in Months (As of the end of Jun. 2007)

Western Regional
Climate Center

North Central Division, Montana

Climate Division (03). Standardized Precipitation Index

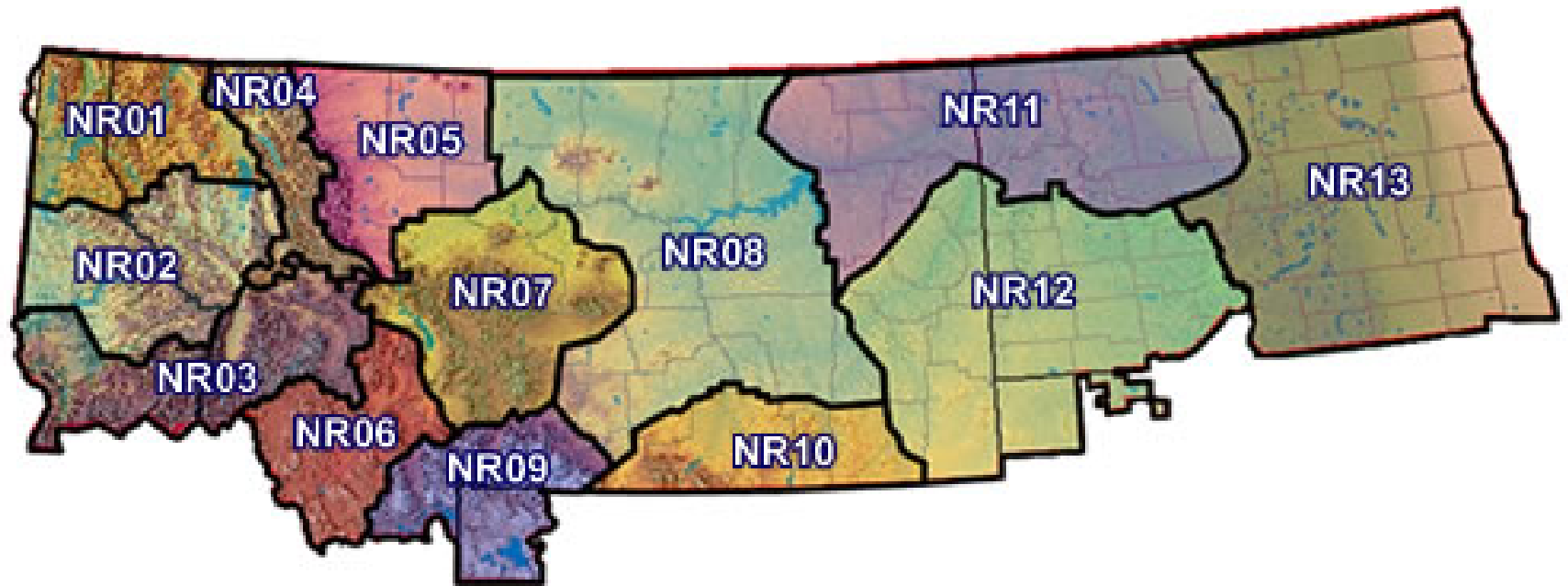


Provisional Data
from CPC and NCDC

Time Scale in Months (As of the end of Jun. 2007)

Western Regional
Climate Center

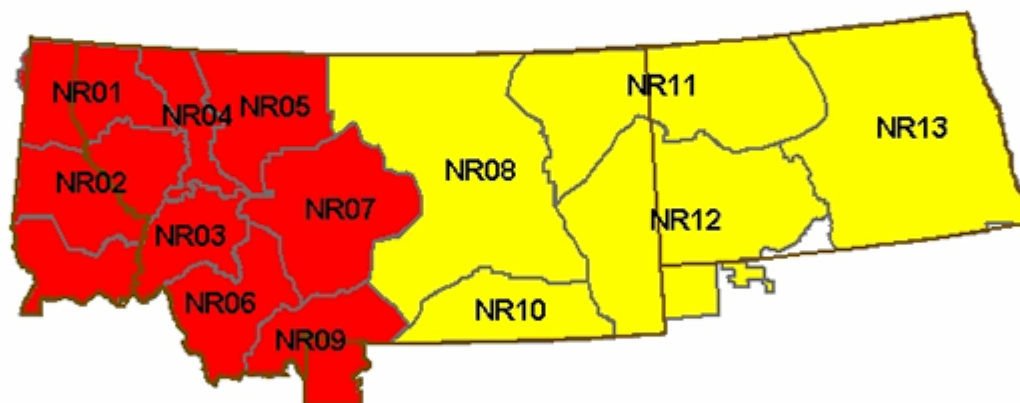
Northern Rockies Predictive Service Areas (PSA's)



Current 100-hour Fuel Moisture Map

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Map updated 07/15/07.



The current [100-hour Fuel Moisture](#) map is an indication of the relative wetness for the given time frame related to the current 100-hour Fuel Moisture graphs. Map colors indicate very dry "Much Below Normal" (red) to very wet "Above Normal" conditions (green) by Predictive Service Area. Color values are based upon comparing the current mean and standard departure of values with a climatological period, 25 years (1980-2004) in our case.

Map Legend

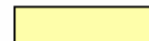
Much Below Normal



Below Normal



Normal



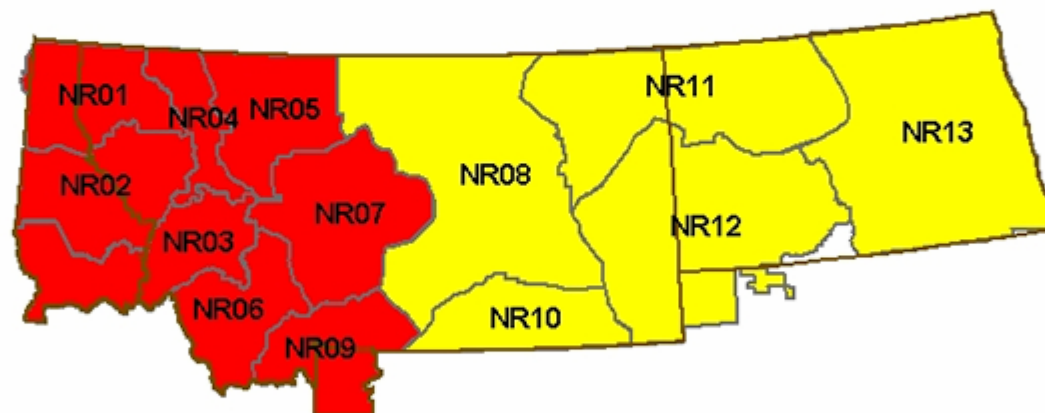
Above Normal



Current 1000-hour Fuel Moisture Map

[\(return to previous page\)](#)

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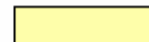
Much Below Normal



Below Normal



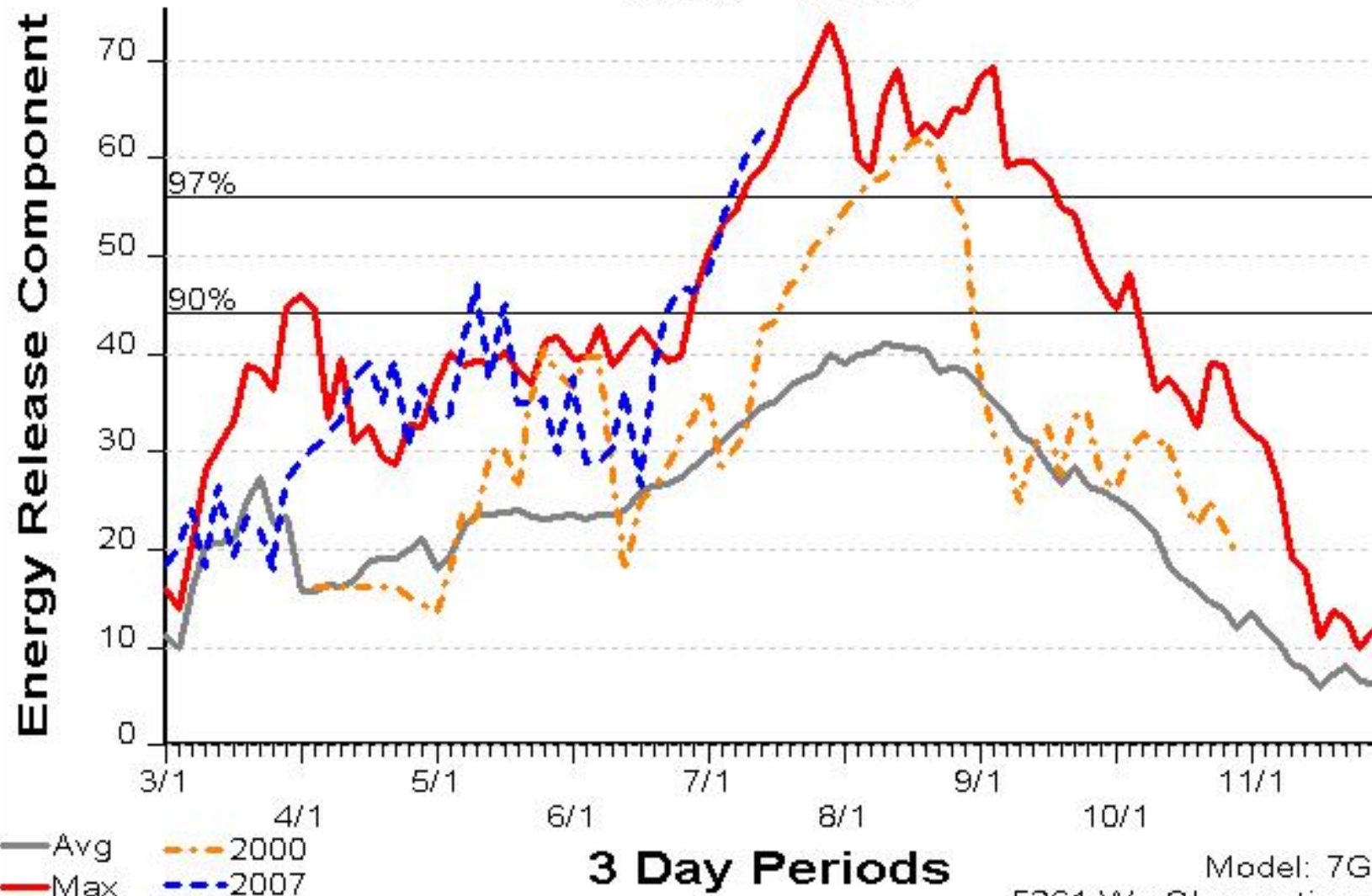
Normal



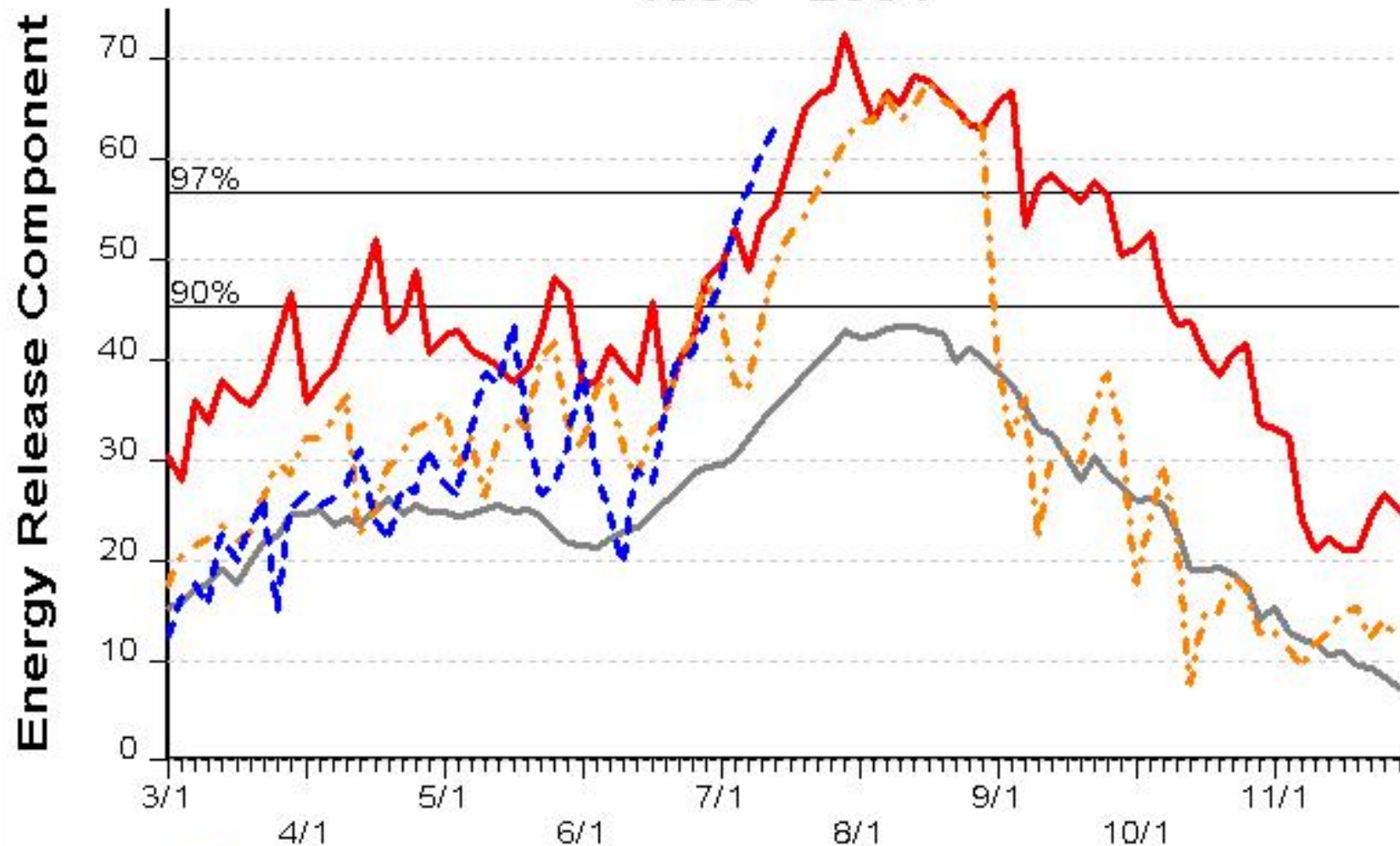
Above Normal



SIG - NR01 NPID/NWMT 1980 - 2004



SIG - NR02 SPID/WMT 1980 - 2004



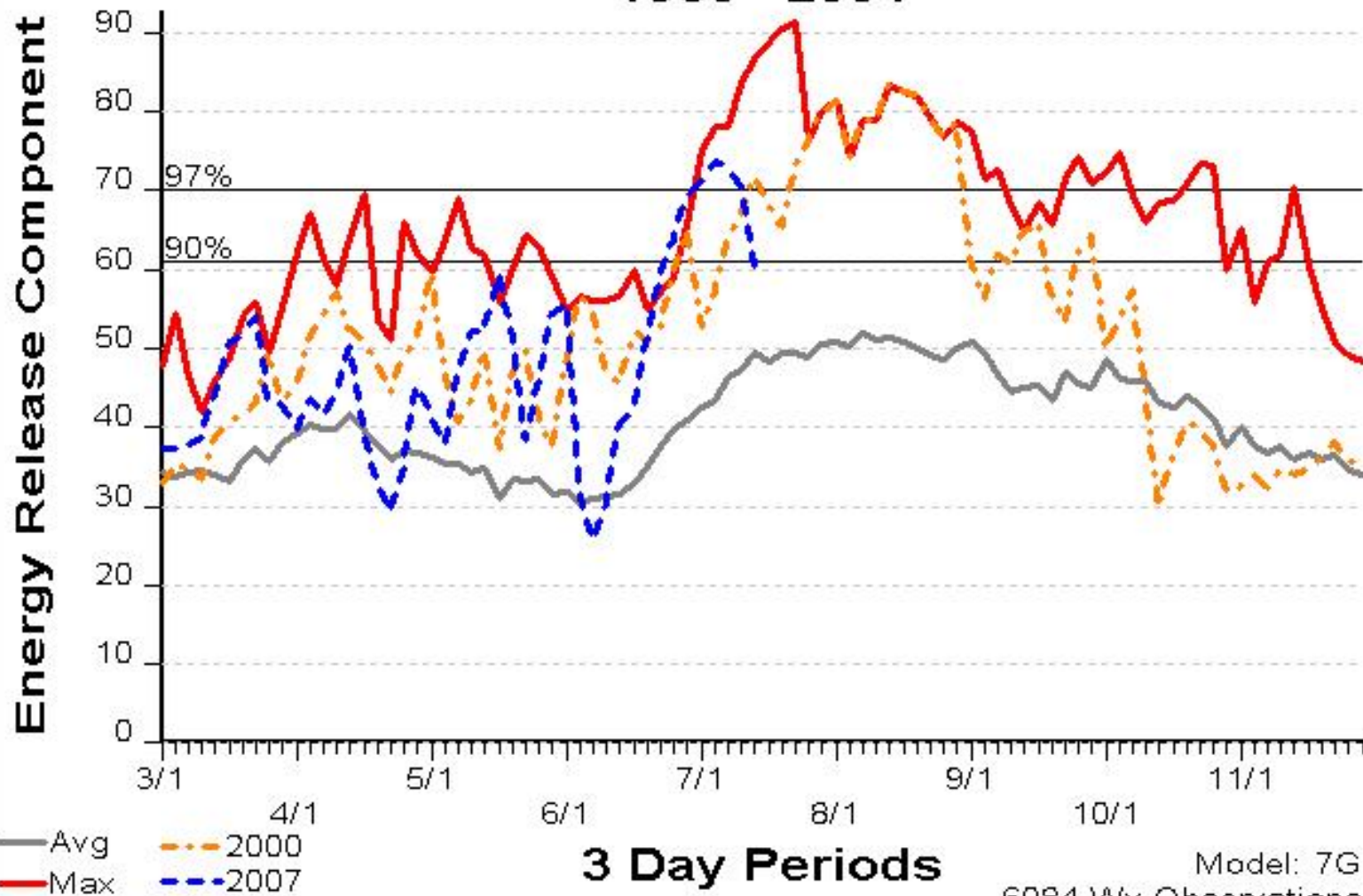
3 Day Periods

Model: 7G

6169 Wx Observations

FF+3.0.5 07/15/2007-15:42

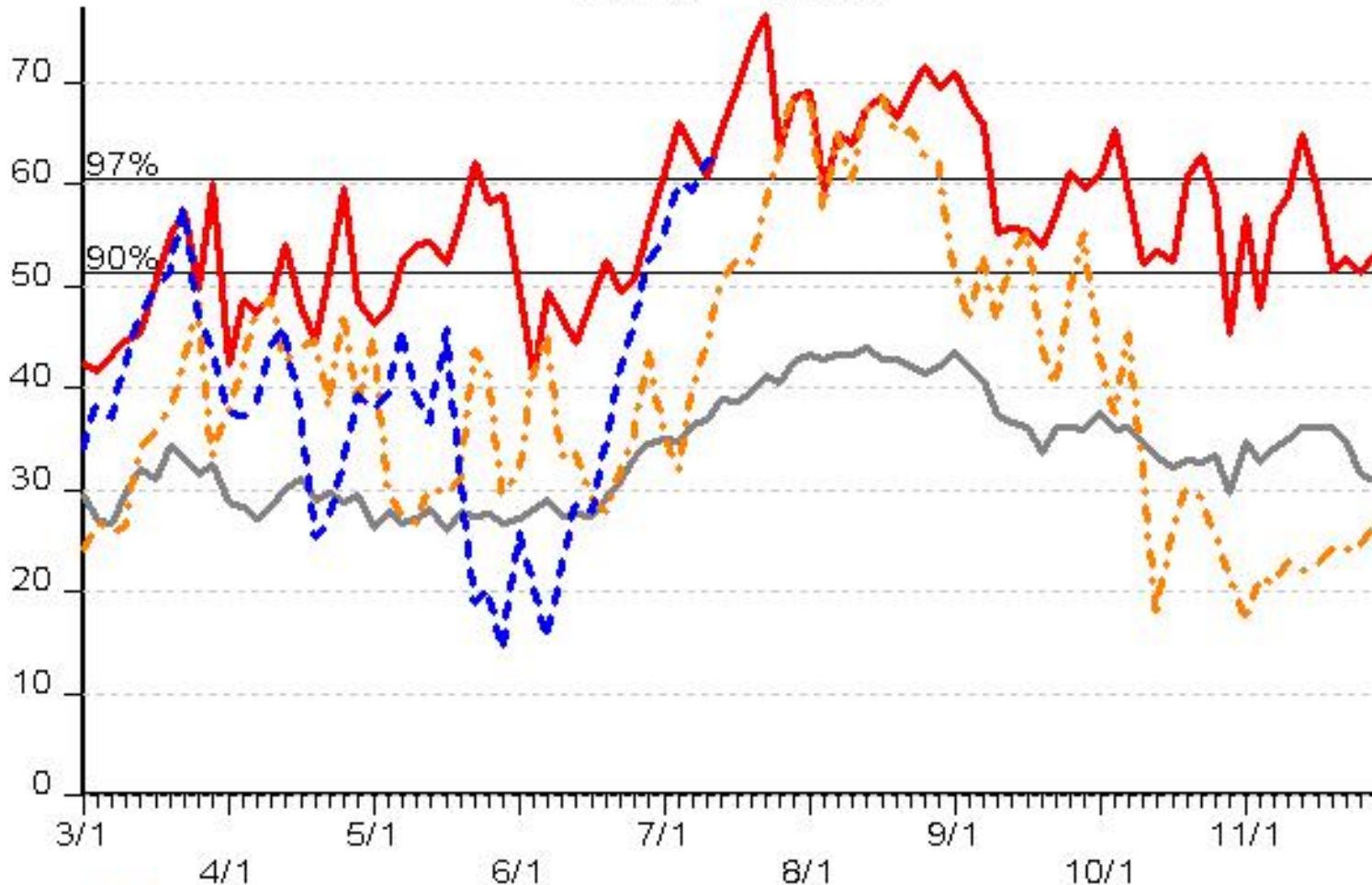
SIG - NR06 BIGHOLEMT 1980 - 2004



Model: 7G
6084 Wx Observations
FF+3.0.5 07/15/2007-15:47

SIG - NR07 WCMT 1980 - 2004

Energy Release Component



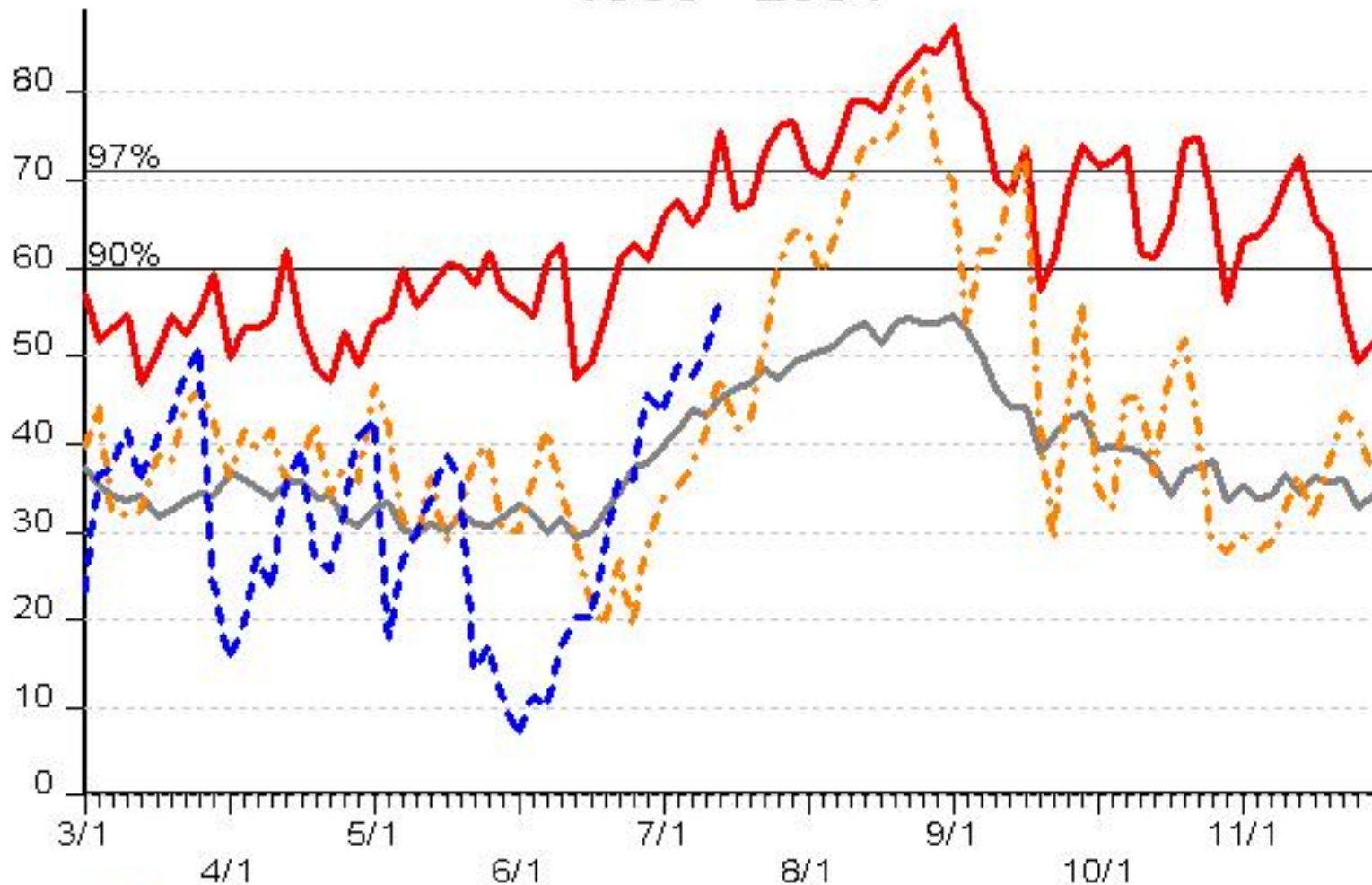
Avg
Max
2000
2007

3 Day Periods

Model: 7G
5626 Wx Observations
FF+3.0.5 07/15/2007-15:49

SIG - NR10 SMT 1980 - 2004

Energy Release Component



Avg
Max
2000
2007

3 Day Periods

Model: 7G
6094 Wx Observations
FF+3.0.5 07/15/2007-15:52

Climate Outlooks

